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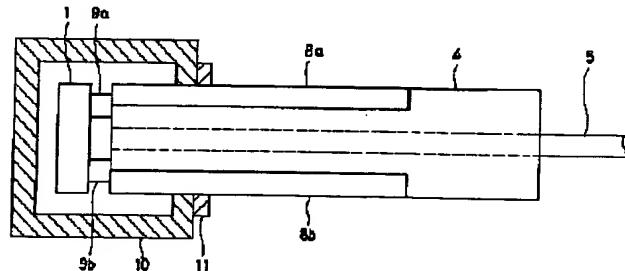
APPLICATION DATE : 24-04-96
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APPLICANT : NEC CORP;

INVENTOR : YONEDA ISAO;

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TITLE : PHOTOSENSITIVE MODULE



ABSTRACT : PROBLEM TO BE SOLVED: To eliminate the need for optical axis adjustment and reduce a parasitic inductance element.

SOLUTION: A photosensitive element 1 and an optical fiber ferrule 4 are packaged by self alignment and combined by solder bumps 9a, 9b. An electrode of the photosensitive element 1 is electrically connected to electrodes 8a, 8b of the optical fiber ferrule 4 by the solder bumps 9a, 9b. After the photosensitive element 1 and the optical fiber ferrule 4 are combined, a cap 10 is attached to the photosensitive element 1 to cover an entire thereof and the photosensitive element 1 is air-tightly sealed. The cap 10 is stopped by a cap stopper 11 when inserted.

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